

REDSTONE GATEWAY

PACKAGE 1 E - RIDEOUT ROAD INTERIM IMPROVEMENTS

FOR THE

CITY OF HUNTSVILLE

HUNTSVILLE, ALABAMA

BID SET



LBYD, INC. PROJECT NO. 302-10-002A

CITY OF HUNTSVILLE PROJECT NO. 65-11-SP08

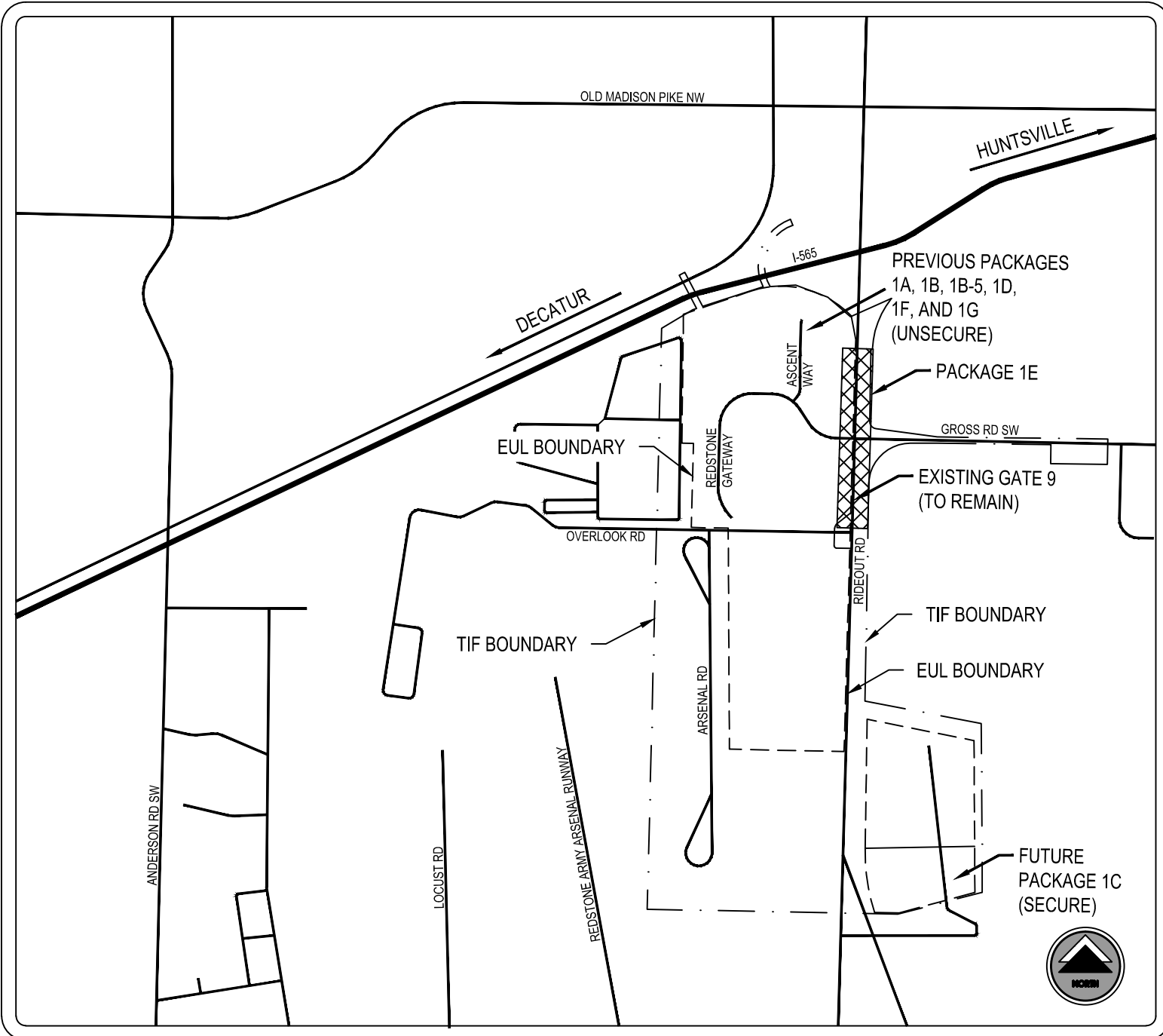
NOVEMBER 14, 2011

NOTE:

FOR PLOTTING PURPOSES

GRAY SHADES ARE PRESENT

24" X 36" FULL SIZE SHEETS

LOCATION MAP	PROJECT TEAM			DRAWING INDEX	
	<p>OWNER: CITY OF HUNTSVILLE 320 FOUNTAIN CIRCLE HUNTSVILLE, AL 35801 PHONE: (256) 427-5300 CONTACT: SHANE DAVIS, PE EMAIL: SHANE.DAVIS@HUNTSVILLEAL.GOV CONTACT: RON ADAMS, PE EMAIL: RON.ADAMS@HUNTSVILLEAL.GOV CONTACT: CHRIS MCNEESE, PE EMAIL: CHRISTOPHER.MCNEESE@HUNTSVILLEAL.GOV</p> <p>DEVELOPER: L.W. REDSTONE, LLC 305 CHURCH STREET SW SUITE 719 HUNTSVILLE, AL 35801 CONTACT: GREG HALL PHONE: (443) 878-6501 EMAIL: GREG.HALL@COPT.COM</p> <p>CIVIL ENGINEER: LBYD, INC. 305 CHURCH STREET SW SUITE 719 HUNTSVILLE, AL 35801 MAIN: (256) 533-1575 CONTACT: BRIAN HATCHER, PE PHONE: (205) 488-4601 EMAIL: BHATCHER@LBYD.COM CONTACT: TIM ROBERTS, PE PHONE: (256) 533-1575 EMAIL: TROBERTS@LBYD.COM CONTACT: RICK NAIL, PE PHONE: (205) 488-0238 EMAIL: RNAIL@LBYD.COM</p>	<p>PROJECT MANAGER: BRASFIELD AND GORRIE L.L.C. 3021 7TH AVENUE SOUTH BIRMINGHAM, AL 35233 MAIN: (205) 328-4000 CONTACT: MATT KELLEY PHONE: (205) 714-1322 EMAIL: MKELLEY@BRASFIELDGORRIE.COM CONTACT: BRENT JONES PHONE: (205) 714-1038 EMAIL: BRJONES@BRASFIELDGORRIE.COM</p> <p>TRAFFIC CONSULTANT: SKIPPER CONSULTING, INC. 3644 VANN ROAD SUITE 100 BIRMINGHAM, AL 35235 MAIN: (205) 855-8855 CONTACT: DARREL SKIPPER, PE EMAIL: DARRELL@SKIPPERINC.COM CONTACT: CODY LONG, PE EMAIL: CODY@SKIPPERINC.COM</p> <p>GEOTECHNICAL ENGINEER: BUILDING AND EARTH SCIENCES 2607 LEE MAN FERRY ROAD, SUITE 5 HUNTSVILLE, AL 35801 MAIN: (256) 713-0056 CONTACT: DON BROWN, PE PHONE: (205) 836-6300 EMAIL: DBROWN@BUILDINGANDEARTH.COM</p> <p>SURVEYOR: BUSBIN ENGINEERING AND SURVEYING, INC. 924 MERIDIAN STREET N HUNTSVILLE, AL 35801 MAIN: (256) 533-1099 CONTACT: CAREY BUSBIN, PE/PLS EMAIL: CAREYBUSBIN@BELLSOUTH.NET</p>	<p>LANDSCAPE ARCHITECT: GREENVIEW STUDIO, INC. 4339 WARREN RD BIRMINGHAM, AL 35213 PHONE: (251) 923-7367 CONTACT: LOIS SHINDEL BOWER, LA EMAIL: LOIS@GREENVIEWSTUDIO.COM</p> <p>REDSTONE GARRISON: DIRECTORATE OF PUBLIC WORKS 4488 MARTIN ROAD REDSTONE ARSENAL, AL 35898 PROGRAM MANAGER CONTACT: CRAIG NORTHRIDGE PHONE: (256) 965-8504 EMAIL: CRAIG.NORTHRIDGE@US.ARMY.MIL CIVIL ENGINEER CONTACT: TOM RICHARDSON PHONE: (256) 876-7008 EMAIL: TOM.RICHARDSON1@US.ARMY.MIL</p> <p>COMMUNICATIONS ENGINEER: AHA ENGINEERS 1801 OLD ALABAMA ROAD SUITE 125 ROSWELL, GA 30076 CONTACT: JIM McMULLEN PHONE: (770) 892-8585 EMAIL: MCMULLENJ@AHA-ENGINEERS.COM</p>	<div><div>T1.0COVER SHEET</div><div>C1.0PROJECT GENERAL NOTES</div><div>C2.0EXISTING CONDITIONS PLAN</div><div>C2.1EXISTING CONDITIONS PLAN</div><div>C2.2EXISTING CONDITIONS PLAN</div><div>C2.3EXISTING CONDITIONS PLAN</div><div>C3.0DEMOLITION PLAN</div><div>C3.1DEMOLITION PLAN</div><div>C3.2DEMOLITION PLAN</div><div>C3.3DEMOLITION PLAN</div><div>C4.0OVERALL LAYOUT PLAN</div><div>C4.1LAYOUT AND COORDINATE PLAN</div><div>C4.2LAYOUT AND COORDINATE PLAN</div><div>C4.3LAYOUT AND COORDINATE PLAN</div><div>C4.4LAYOUT AND COORDINATE PLAN</div><div>C5.0STRIPING AND SIGNAGE PLAN</div><div>C5.1STRIPING AND SIGNAGE PLAN</div><div>C5.2STRIPING AND SIGNAGE PLAN</div><div>C5.3STRIPING AND SIGNAGE PLAN</div><div>C5.4TRAFFIC CONTROL PLAN</div><div>C5.5TRAFFIC CONTROL PLAN</div><div>C6.0TRAFFIC SIGNAL DESIGN PLAN</div><div>C6.1TRAFFIC SIGNAL NOTES PLAN</div><div>C6.2TRAFFIC SIGNAL DETAILS PLAN</div><div>C6.3TRAFFIC SIGNAL REMOVAL DIAGRAM</div></div>	<div><div>C7.0RIDEOUT ROAD TYPICAL SECTIONS</div><div>C8.0RIDEOUT ROAD PLAN AND PROFILE (STA 19+00 TO STA 31+00)</div><div>C8.1RIDEOUT ROAD PLAN AND PROFILE (STA 31+00 TO STA 43+00)</div><div>C8.2RIDEOUT ROAD PLAN AND PROFILE (STA 43+00 TO STA 54+50)</div><div>C9.0GRADING, DRAINAGE, AND EROSION CONTROL PLAN</div><div>C9.1GRADING, DRAINAGE, AND EROSION CONTROL PLAN</div><div>C9.2GRADING, DRAINAGE, AND EROSION CONTROL PLAN</div><div>C9.3GRADING, DRAINAGE, AND EROSION CONTROL PLAN</div><div>C9.4STORM DRAINAGE PROFILES</div><div>C10.0UTILITY PLAN</div><div>C10.1UTILITY PLAN</div><div>C10.2UTILITY PLAN</div><div>C10.3UTILITY PLAN</div><div>C11.0RIDEOUT ROAD CROSS SECTIONS (STA 19+00 TO STA 22+50)</div><div>C11.1RIDEOUT ROAD CROSS SECTIONS (STA 23+00 TO STA 26+50)</div><div>C11.2RIDEOUT ROAD CROSS SECTIONS (STA 27+00 TO STA 30+50)</div><div>C11.3RIDEOUT ROAD CROSS SECTIONS (STA 31+00 TO STA 34+50)</div><div>C11.4RIDEOUT ROAD CROSS SECTIONS (STA 35+00 TO STA 38+50)</div><div>C11.5RIDEOUT ROAD CROSS SECTIONS (STA 39+00 TO STA 42+50)</div><div>C11.6RIDEOUT ROAD CROSS SECTIONS (STA 43+00 TO STA 46+50)</div><div>C11.7RIDEOUT ROAD CROSS SECTIONS (STA 47+00 TO STA 50+50)</div><div>C11.8RIDEOUT ROAD CROSS SECTIONS (STA 51+00 TO STA 54+50)</div><div>C12.0DETAILS</div><div>C12.1DETAILS</div><div>C12.2DETAILS</div><div>C12.3DETAILS</div></div>




CORPORATE OFFICE

PROPERTIES TRUST



Jim Wilson & Associates, LLC



LBYD

Civil and Structural

Engineers

Atlanta, Georgia

Birmingham, Alabama

Huntsville, Alabama

www.lbyd.com



11/14/2011

1. LBVD, INC. SHALL NOT HAVE AUTHORITY OVER THE SITE CONTRACTOR'S WORK OR RESPONSIBILITIES. LBVD IS NOT RESPONSIBLE FOR SITE SAFETY PROCEDURES OR METHODS OF CONSTRUCTION. IT IS NOT LBVD'S DUTY TO REVIEW THE ADEQUACY OF THE CONTRACTOR'S SAFETY MEASURES IN OR NEAR THE CONSTRUCTION SITE.
2. ALL EXISTING UTILITIES SHOWN ON THESE DRAWINGS ARE APPROXIMATE AND OTHER UTILITIES MAY EXIST. CONTRACTOR MUST HAVE EXISTING UTILITIES LOCATED BY UNDERGROUND LINE LOCATORS AS WELL AS FIELD VERIFIED BY ONSITE PERSONNEL BY "POIT HOLING" THE UTILITY WITH POST HOLE DIGGERS PRIOR TO ORDERING MATERIALS OR BEGINNING CONSTRUCTION. ANY DISCREPANCIES SHALL BE REPORTED TO THE OWNER IMMEDIATELY.
3. EXISTING UTILITIES TO REMAIN MAY BE LOCATED WITHIN PROPOSED DEMOLITION AREAS. CONTRACTOR SHALL USE EXTREME CAUTION WHILE WORKING IN THESE AREAS TO ENSURE NO UTILITY SERVICE INTERRUPTIONS TO FACILITIES THAT REMAIN OR TO ADJACENT PROPERTIES.

- SITE DEMOLITION NOTES

1. CONTRACTOR TO COORDINATE DEMOLITION ITEMS NOTED ON THE DRAWINGS TO BE SALVAGED, RECYCLED, AND REUSED. CONTRACTOR SHALL REMOVE THE CONCRETE AND STEEL POWER POLES TO BE SALVAGED WITH EXTREME CAUTION TO PREVENT DAMAGE AND STOCKPILE THEM IN AREA NOTED ON THE PLANS.
2. REFER TO SITE GRADING, DRAINAGE, AND UTILITY PLANS FOR PROPOSED UTILITY AND DRAINAGE INSTALLATION AND REMOVAL.
3. REFER TO LAYOUT, GRADING, AND UTILITY PLANS FOR ADDITIONAL INFORMATION RELATING TO PAVING, CURB, SIDEWALKS, ETC. REMOVE EXISTING CURBS AS NEEDED TO INSTALL PROPOSED IMPROVEMENTS.
4. CONTRACTOR SHALL COORDINATE WITH CITY OF HUNTSVILLE (OWNER), REDSTONE ARSENAL LBYD, THE PROJECT MANAGER, AND THE UTILITY PROVIDER PRIOR TO THE DISCONNECTING OF ANY UTILITY SERVICE.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL, RELOCATION OR PROTECTION OF ALL ABOVE AND BELOW GROUND EXISTING IMPROVEMENTS THAT ARE IN CONFLICT WITH THE PROPOSED IMPROVEMENTS UNLESS NOTED TO BE REMOVED BY THE UTILITY SERVICE PROVIDER.
6. ALL DEMOLITION AND CONSTRUCTION DEBRIS SHALL BE RECYCLED TO THE MAXIMUM EXTENT FEASIBLE. REMAINING WASTE SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE TRANSPORTED AND DISPOSED OF OFF-SITE AS REQUIRED IN A LEGAL MANNER WHILE KEEPING THE SITE CLEAN AND ORDERLY.
7. ALL EXISTING PAVING, CURBS, HARDSCAPE, ETC. SHALL BE SAW CUT AT THE LIMITS OF REMOVAL IN ORDER TO PROVIDE A CLEAN EDGE. EXISTING PAVING AT EDGE SHALL BE MILLED BACK A MINIMUM OF 8" TO ENSURE SMOOTH TRANSITION.
8. ALL EXISTING TREES TO REMAIN OUTSIDE OF THE CLEARING LIMITS SHALL BE PROTECTED DURING CONSTRUCTION.
9. BACKFILLING OF DEMOLISHED ITEMS SHALL BE SUITABLE FILL OR STONE PER THE PROJECT SPECIFICATIONS SUPPLEMENTAL SPECIFICATIONS EARTHWORK.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DEWATERING AND PUMPING AS NECESSARY FOR EROSION CONTROL FOR OWN SCPE OF WORK.

1. CONTRACTOR SHALL VERIFY SITE BOUNDARY AND EXISTING TOPOGRAPHY. NOTIFY THE OWNER OF ANY DISCREPANCY PRIOR TO SUBMITTING PRICES OR ORDERING MATERIALS.
2. THE OWNER WILL BE RESPONSIBLE FOR PROVIDING BENCHMARKS, CONTROLS, AND FINAL ELECTRONIC AS-BUILT DRAWINGS.
3. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROTECT ALL BENCHMARKS, PROPERTY CORNERS, AND ALDOT MONUMENTATION. ANY REPLACEMENT WILL BE AT THE CONTRACTOR'S EXPENSE.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CONSTRUCTION STAKING AND A "RED-LINED" SET OF CLEAN CONSTRUCTION DOCUMENTS TO SERVE AS THE CONTRACTOR'S AS-BUILTS FOR OWN SHOWN WORK.
5. ALL DIMENSIONS AND COORDINATES SHOWN ARE TO THE BACK OF CURB OR TO THE EDGE OF SURFACING UNLESS OTHERWISE NOTED.
6. ALL TEMPORARY STRIPING IS TO BE PER THE LATEST EDITION OF THE MUTCD UNLESS NOTED OTHERWISE.
7. ALL PERMANENT STRIPING SHALL BE THERMOPLASTIC PER CITY OF HUNTSVILLE STANDARDS SPECIFICATION SECTION 4.
8. BOUNDARY AND TOPOGRAPHIC INFORMATION PROVIDED BY THE OWNER AND PERFORMED BY BUSBIN ENGINEERING.
9. TOPOGRAPHIC INFORMATION WAS PERFORMED VIA GROUND RUN AND AERIAL FORMAT AND TAKEN FROM PREVIOUS D PLANS FOR PACKAGE 1A DATED DECEMBER 16, 2010, PACKAGE 18 DATED APRIL 12, 2011, AND PACKAGE 1F DATED SEPTEMBER 15, 2011.

THE OWNER WILL BE RESPONSIBLE FOR PROVIDING ITS COMPACTION TESTING. ADDITIONAL COMPACTION TESTING MAY BE REQUIRED AND WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.

1. ALL TOPSOIL SHALL BE STRIPPED WITHIN THE PROPOSED LIMITS OF GRADING AND SHALL BE STOCKPILED ON THE REDSTONE GATEWAY IN AN APPROVED LOCATION FOR LATER USE DURING THIS PACKAGE TO RE-PLATE SLOPES, SHOULDERS, AND MEDIAN AREAS AS INDICATED ON THE PLANS.

2. SUBGRADE IN FILL AREAS SHALL BE PROOF ROLLED WITH A LOADED DUMP TRUCK AND APPROVED BY THE GEOTECHNICAL ENGINEER PRIOR TO PLACING FILL. ANY AREAS SHOWING SIGNS OF PUMPING, RUTTING, OR ANY UNSUITABLE (ORGANIC, SOFT, WET, LOOSE) MATERIAL FOUND IN PLACE SHALL BE UNDERCUT AND REPLACED, OR MOISTURE CONDITIONED AND COMPACTED TO THE SPECIFIED DENSITY AND MOISTURE CONTENT LISTED BELOW.

3. ALL EXPOSED SUBGRADE IN CUT AREAS SHALL BE SCARIFIED TO A MINIMUM DEPTH OF 12" AND RECOMPACTED TO THE SPECIFIED DENSITY AND MOISTURE CONTENT LISTED BELOW AND IN THE PROJECT SPECIFICATIONS.

4. THE PROJECT IS UNCLASSIFIED TO -12" BELOW SUBGRADE ELEVATION IN CUT AREAS.

5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING THE SUBGRADE AFTER IT HAS BEEN INITIALLY PREPARED. IF DAMAGED DUE TO INCLEMENT WEATHER OR CONSTRUCTION TRAFFIC.

6. FILL MATERIAL SHALL HAVE THE FOLLOWING PROPERTIES: VIRTUALLY FREE OF ORGANICS, NO ROCK FRAGMENTS GREATER THAN 4" WITHIN 4' OF FINISH GRADE, LIQUID LIMIT NOT EXCEEDING 50, PLASTICITY INDEX NOT EXCEEDING 30, MAXIMUM DRY DENSITY IN EXCESS OF 90 PCF, COMPACTED TO 98% IN PAVED AREAS, PLACED IN 8" TO 10" THICK LOOSE LIFTS, AND WITHIN ±2.0% OF OPTIMUM MOISTURE CONTENT. NOTE THAT SOILS WITHIN 1' OF PAVED AREAS SHALL BE CLAY SOILS AND HAVE A MAXIMUM LIQUID LIMIT NOT EXCEEDING 50, AND A MAXIMUM PLASTICITY INDEX NOT EXCEEDING 30, COMPACTED TO 100% OF THE STANDARD PROCTOR MAXIMUM DRY DENSITY AND WITHIN ±2.0% OF OPTIMUM MOISTURE CONTENT. REFER TO SUPPLEMENTAL SPECIFICATIONS EARTHWORK FOR ADDITIONAL INFORMATION.

7. COMPACTION TESTS WILL BE TAKEN AT THE RECOMMENDATION OF THE ON-SITE GEOTECHNICAL ENGINEER, BUT AT A MINIMUM EVERY 2,500 SQUARE FEET OF SPACE (E.G. HANHOLES, INLETS, PAVING AREAS.

8. COMPACTION WITHIN LIMITED AREAS (I.E. MANHOLES, LIFTING, UTILITY TRENCHES) SHOULD BE BACKFILLED AND COMPACTED SYSTEMATICALLY, AT THE DIRECTION OF THE OWNER'S ONSITE REPRESENTATIVE. STONE BACKFILL SHALL BE INSTALLED IN 8" LOOSE LIFTS AND COMPACTED TO 95% STANDARD PROCTOR PER CITY OF HUNTSVILLE STANDARD SPECIFICATIONS SECTION 105 AND 107 AS MODIFIED IN THE SUPPLEMENT TO GENERAL REQUIREMENTS.

10. CLEARING LIMITS SHALL BE 5' OUTSIDE OF ALL PROPOSED GRADED AREAS OR NOT BEYOND THE PROPERTY LINES OR EASEMENTS, WHICHEVER IS LESS.

11. NO GRADING OFF-SITE OR IN ADJACENT DENIED ACCESS RIGHT-OF-WAY WITHOUT PROPER APPROVALS AND PRIOR NOTIFICATION.

12. COORDINATE THE SEQUENCING OF ALL GRADING OPERATIONS WITH THE EROSION CONTROL PLAN.

13. PROPOSED GRADES INDICATED ON THIS PLAN ARE TO FINISH GRADE. THE CONTRACTOR SHALL MAKE SUBGRADE ADJUSTMENTS FOR TOPSOIL, PAVING, ETC.

14. FILL SLOPES SHOULD BE BENCHMARKED INTO THE EXISTING SLOPES AND SHOULD BE COORDINATED WITH THE OWNER FOR DEPTH OF BENCH INTO THE SLOPE.

15. A GEOTECHNICAL REPORT HAS BEEN PREPARED BY BUILDING AND EARTH SCIENCES, INC. PROJECT NUMBER HY10019 DATED MAY20, 2011 AND IS AVAILABLE FOR INFORMATIONAL PURPOSES. THE CONTRACTOR SHALL REVIEW THIS REPORT, VISIT THE SITE AND OBSERVE THE ADDITIONAL EXPLORATION PROVIDED BY THE OWNER AFTER THE PRE-BID MEETING IN ORDER FOR THE CONTRACTOR TO PROVIDE A RESPONSIVE BID.

16. UNSUITABLE MATERIAL REFERS TO MATERIAL THAT IS NOT SUITABLE FOR PAVEMENT SUPPORT FOR REASONS ASSOCIATED WITH MATERIAL PROPERTIES, SUCH AS HIGHLY PLASTIC SOILS, "FAT" CLAYS, ORGANICS, AND OLD FILL MATERIAL, WHICH IS OTHERWISE SUITABLE, BUT ABOVE THE OPTIMUM MOISTURE AND REQUIRES MOISTURE CONDITIONING PRIOR TO USE AS STRUCTURAL FILL. SHALL NOT BE CONSIDERED AS "UNSUITABLE." NOTE ADDITIVE AND DEDUCTIVE UNIT PRICES ARE BEING PROVIDED TO HANDLE CHANGING FIELD CONDITIONS DURING CONSTRUCTION AS NEEDED.

17. DEWATERING SHALL BE SOLELY THE RESPONSIBILITY OF THE CONTRACTOR. PREVENT SURFACE WATER AND GROUND WATER FROM ENTERING EXCAVATIONS. FROM PONDING ON PREPARED SUBGRADES, AND FROM FLOODING PROJECT SITE AND SURROUNDING AREA. PROTECT SUBGRADES FROM SOFTENING, UNDERMINING, WASHOUT, AND DAMAGE BY RAIN OR WATER ACCUMULATION. REROUTE SURFACE WATER RUNOFF AWAY FROM EXCAVATED AREAS. DO NOT ALLOW WATER TO ACCUMULATE IN EXCAVATIONS. DO NOT USE EXCAVATED TRENCHES AS TEMPORARY DRAINAGE DITCHES. INSTALL A DEWATERING SYSTEM TO KEEP SUBGRADES DRY AND CONVEY GROUND WATER AWAY FROM EXCAVATIONS. MAINTAIN UNTIL DEWATERING IS NO LONGER REQUIRED. IF GROUNDWATER DEWATERING IS REQUIRED, CONTRACTOR IS TO OBTAIN ANY PERMITS AS MAY BE REQUIRED PRIOR TO DISCHARGE OF EFFLUENT FROM DEWATERING.

1. EXISTING EROSION CONTROL MEASURES INSTALLED IN PACKAGE 1A, 1B, AND 1F. CONTRACTOR WILL BE RESPONSIBLE FOR MAINTAINING THESE MEASURES LOCATED WITHIN THEIR WORK AREA ONLY.
2. ANY TEMPORARY ACCESS ROADS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR RELATED TO THEIR OWN SCOPE OF WORK.
3. SITE EROSION CONTROL MEASURES SHALL BE IN ACCORDANCE WITH ALL FEDERAL, STATE, AND LOCAL LAWS, CODES, AND REGULATIONS.
4. LW REDSTONE, LLC HAS OBTAINED A "NOTICE OF INTENTION(NOI)" FROM ADEM #ALR107934 (EXPIRES 3/31/2016). THE OWNER SHALL BE RESPONSIBLE FOR ALL ADEM REQUIRED MONITORING INSPECTIONS. ETC. TO ENSURE THAT THE SITE IS AT ALL TIMES IN ACCORDANCE WITH ADEM RULES & REGULATIONS. DAILY DOCUMENTATION OF INSPECTIONS BY A Q.C.I. OR Q.C.P. SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND MAINTAINED BY THE CONTRACTOR ON-SITE AND PROVIDED TO THE OWNER AT HIS/HER REQUEST. ANY AND ALL FEES, FINES, ETC., SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
5. ALL EROSION CONTROL DEVICES SHALL BE PROPERLY MAINTAINED DURING THE CONSTRUCTION PROCESS AND UNTIL

1. THE CONTRACTOR SHALL NOTIFY TVA, BENNY WESTMORELAND, AT (256) 851-3450 AT LEAST 48 HOURS IN ADVANCE OF WORK NEAR TVA TRANSMISSION LINES.
2. A CONDUCTOR TO GROUND CLEARANCE OF 24 FEET MUST BE MAINTAINED ON ALL FILLS. THE CONTRACTOR SHALL BE LIABLE FOR ANY DAMAGE TO TVA PROPERTY AND/OR ELECTRICAL OUTAGES CAUSED BY THEIR WORK.
3. THE CONTRACTOR SHALL TAKE MEASURES TO ENSURE SAFETY OF THEIR WORKERS WHEN WORKING IN OR AROUND THE HIGH VOLTAGE TRANSMISSION LINES. THIS WORK SHALL BE PER STATE LAWS AND OSHA REQUIREMENTS FOR WORK NEAR HIGH VOLTAGE ELECTRICAL EQUIPMENT.
4. ANY COUNTERPOISE THAT IS UNCOVERED OR DAMAGED SHALL BE REPAIRED/REBURIED IMMEDIATELY BY THE CONTRACTOR AT NO EXPENSE TO THE OWNER.
5. TVA HAS THE RIGHT FOR INGRESS AND EGRESS THROUGH THE CONSTRUCTION SITE FOR MAINTENANCE ON THEIR LINES. THE CONTRACTOR SHALL WORK WITH TVA TO ENSURE ACCESS TO THEIR FACILITIES.

1. THE CONTRACTOR SHALL NOTIFY NEC, GARY SHELTON, AT (256) 876-5150 AT LEAST 48 HOURS IN ADVANCE OF WORK NEAR UNDERGROUND COMMUNICATION LINES.

2. NEC HAS THE RIGHT FOR INGRESS AND EGRESS THROUGH THE CONSTRUCTION SITE FOR MAINTENANCE ON THEIR LINES. THE CONTRACTOR SHALL WORK WITH NEC TO ENSURE ACCESS TO THEIR FACILITIES.

<u>UTILITY CONTACTS:</u>	KNOLOGY
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DIRECTORATE OF PUBLIC WORKS - POWER	
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PH: 256-535-1282
EMAIL: RKNOX@HSVUTIL.ORG

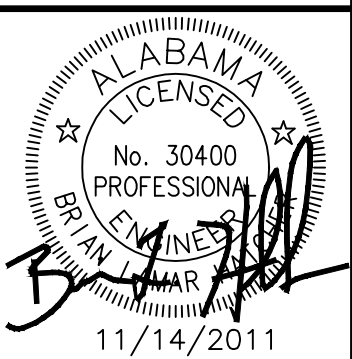
GAS
CONTACT: JOEL PERRY
PH: 256-535-1445
EMAIL: JOEL.PERRY@HSVUTIL.ORG

WATER
CONTACT: JUSTIN YORK
PH: 256-535-1403
EMAIL: JUSTIN.YORK@HSVUTIL.ORG



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PROJECT GENERAL NOTES

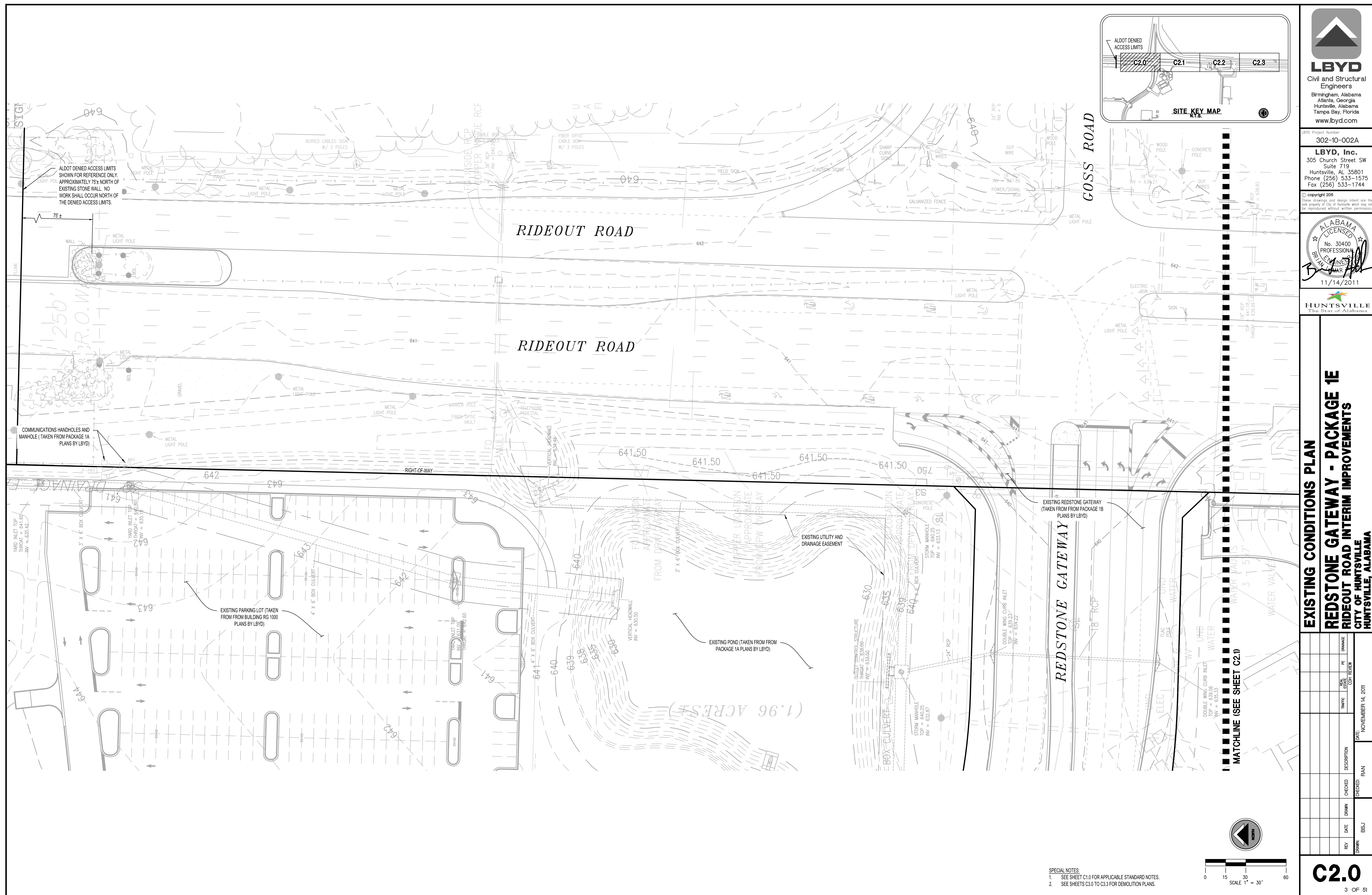
REDSTONE GATEWAY - PACKAGE 1E

TRIDEOUT ROAD INTERIM IMPROVEMENTS
CITY OF HUNTSVILLE

**CITY OF HUNTSVILLE
HUNTSVILLE, ALABAMA**

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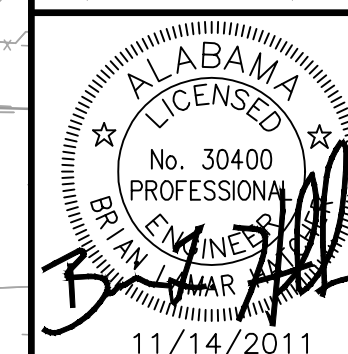


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Tampa Bay, Florida
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LBYPD Project Number
302-10-002A

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HUNTSVILLE
The Star of Alabama

EXISTING CONDITIONS PLAN

REDSTONE GATEWAY - PACKAGE 1E

**CITY OF HUNTSVILLE
HUNTSVILLE, ALABAMA**

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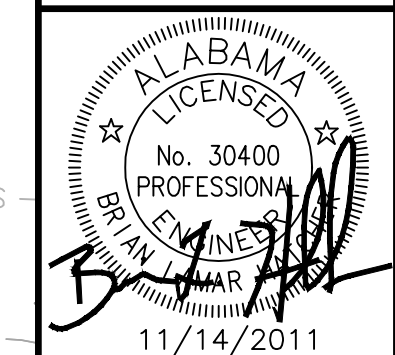
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3 OF 5



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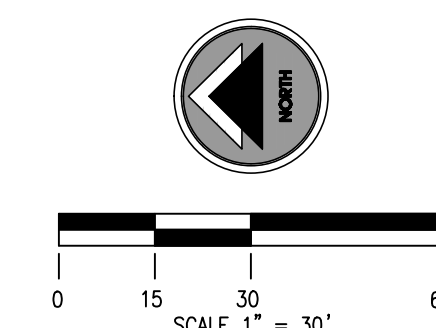
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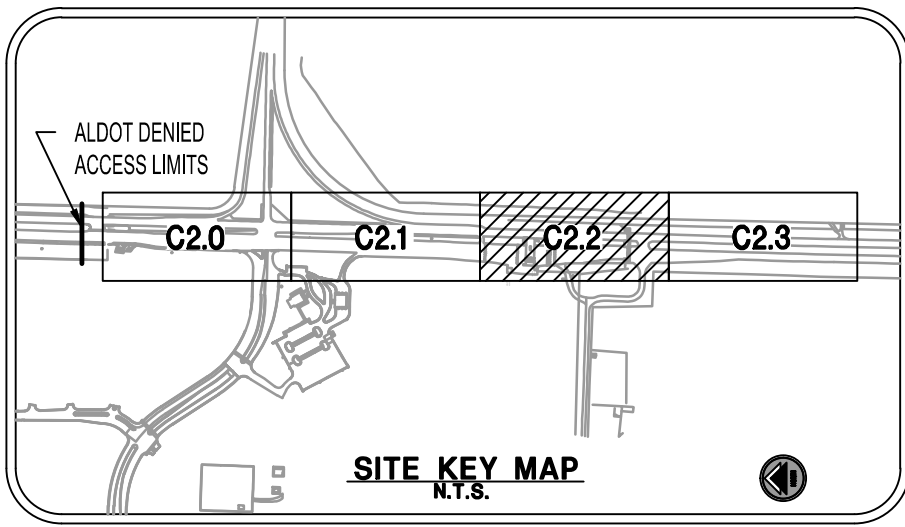
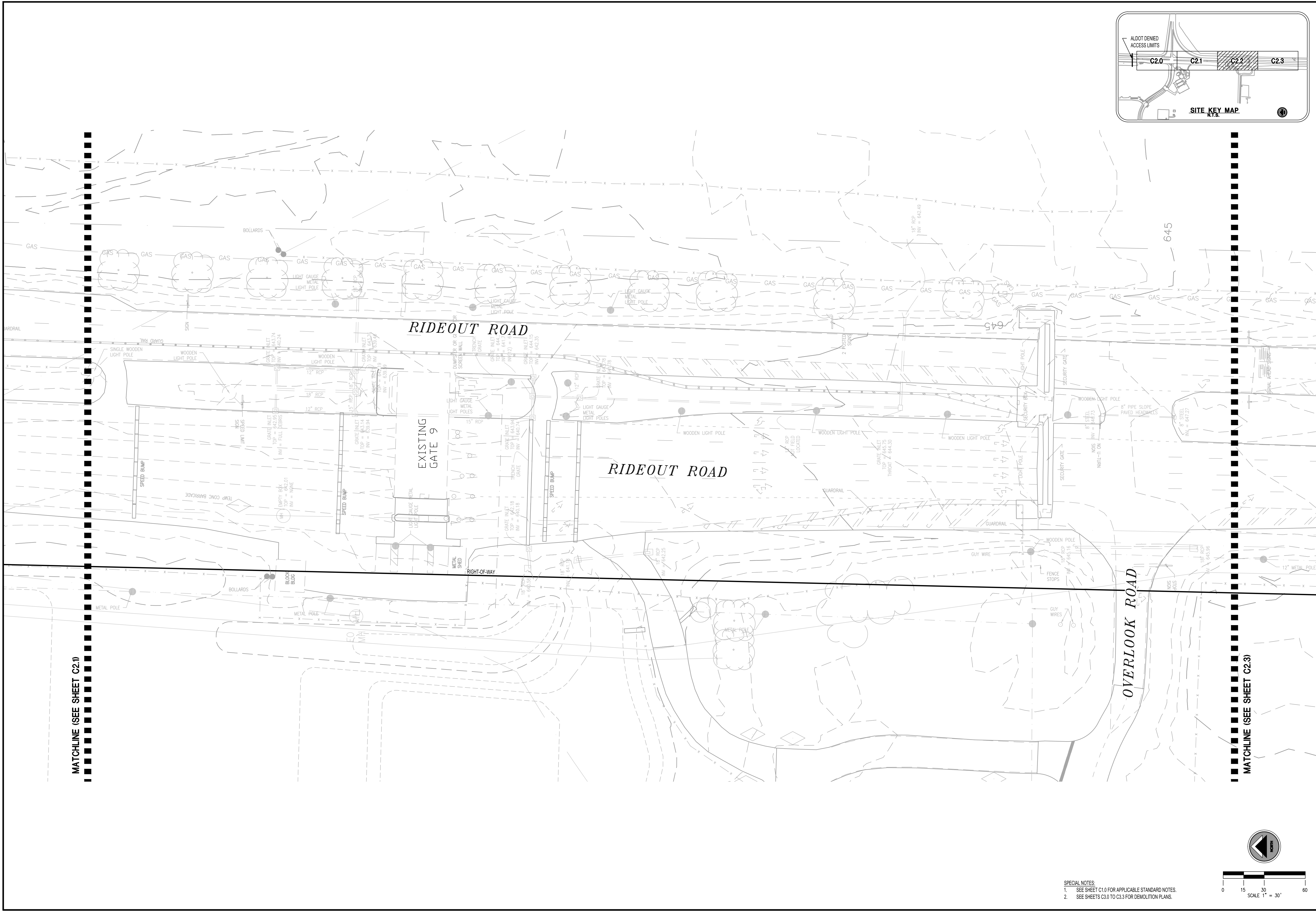
**CITY OF HUNTSVILLE
HUNTSVILLE, ALABAMA**

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C2.1



- SPECIAL NOTES:**
1. SEE SHEET C1.0 FOR APPLICABLE STANDARD NOTES.
 2. SEE SHEETS C3.0 TO C3.3 FOR DEMOLITION PLANS.

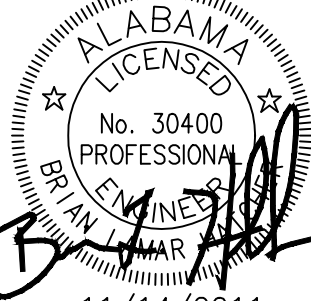




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ALABAMA
LICENSED
No. 30400
PROFESSIONAL
ENGINEER
11/14/2011



HUNTSVILLE
The Star of Alabama

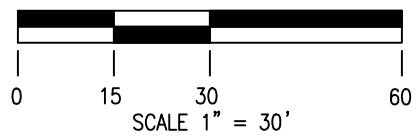
EXISTING CONDITIONS PLAN
REDSTONE GATEWAY - PACKAGE 1E
RIDEOUT ROAD INTERIM IMPROVEMENTS
CITY OF HUNTSVILLE
HUNTSVILLE, ALABAMA

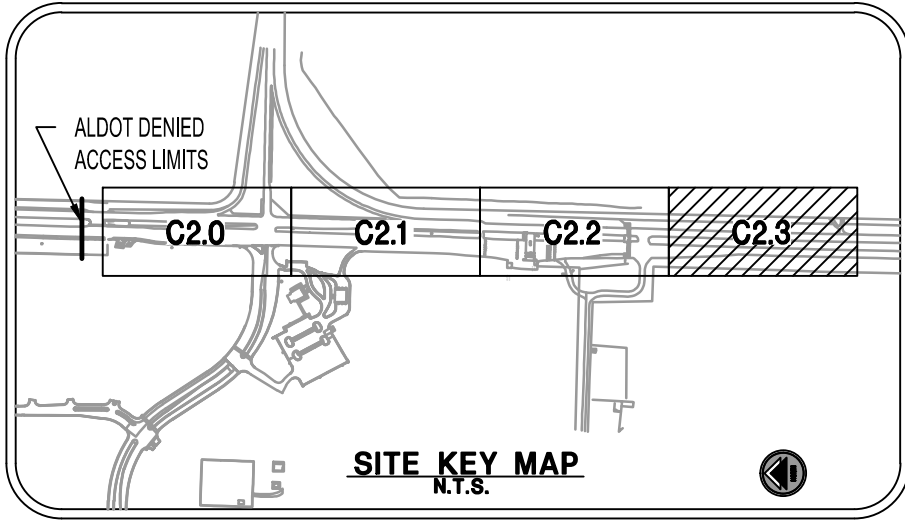
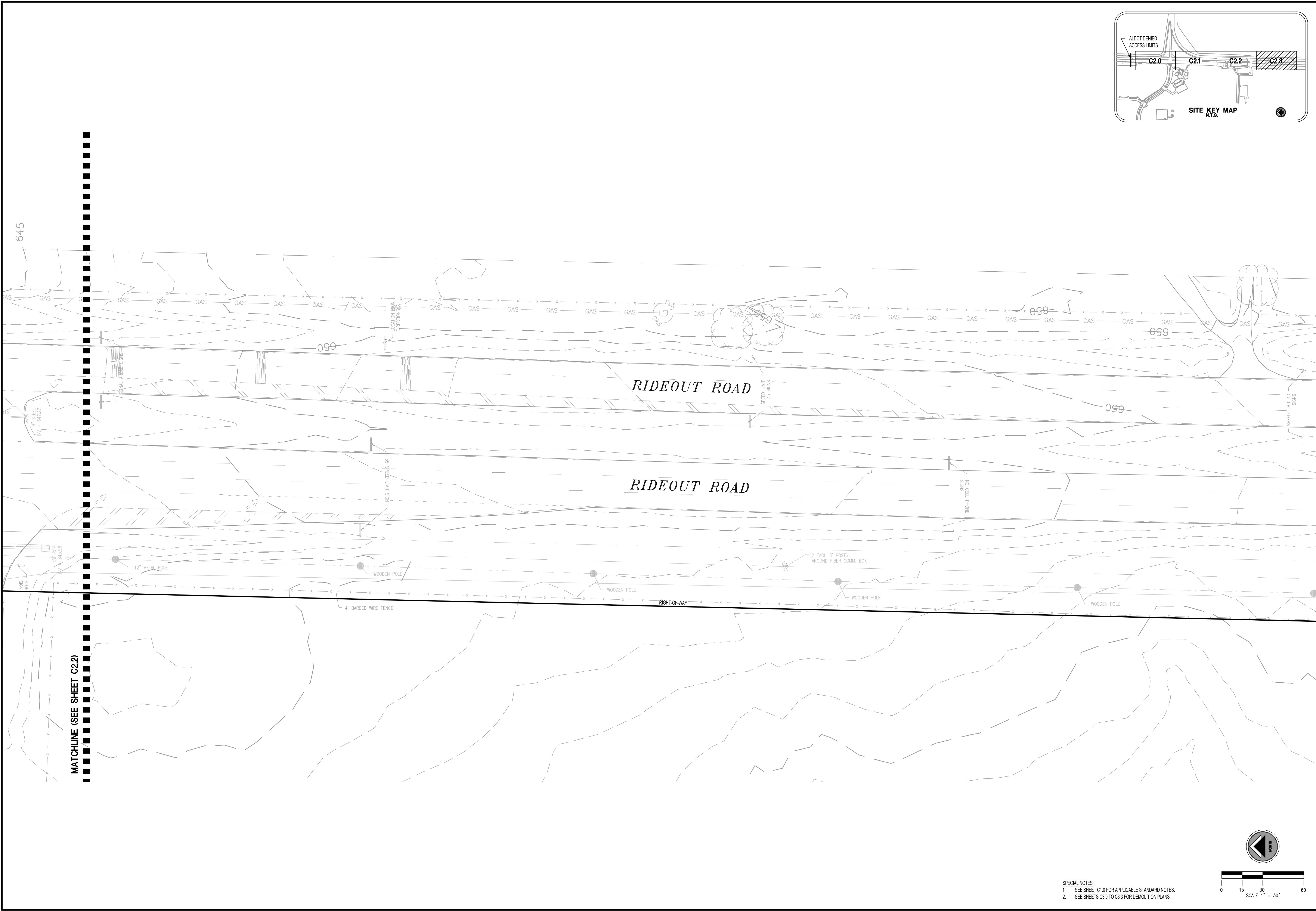
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- SPECIAL NOTES:**
1. SEE SHEET C1.0 FOR APPLICABLE STANDARD NOTES.
2. SEE SHEETS C3.0 TO C3.3 FOR DEMOLITION PLANS.





LBYD
Civil and Structural
Engineers
Birmingham, Alabama
Atlanta, Georgia
Huntsville, Alabama
Tampa Bay, Florida
www.lbyd.com

LBYD Project Number:
302-10-002A

LBYD, Inc.
305 Church Street SW
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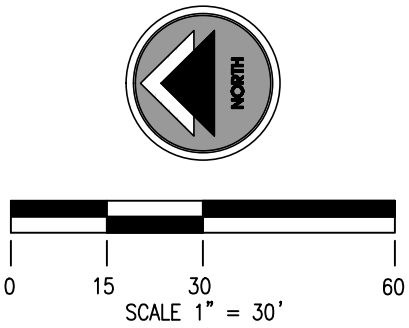
HUNTSVILLE
The Star of Alabama

EXISTING CONDITIONS PLAN
REDSTONE GATEWAY - PACKAGE 1E
RIDEOUT ROAD INTERIM IMPROVEMENTS
CITY OF HUNTSVILLE
HUNTSVILLE, ALABAMA

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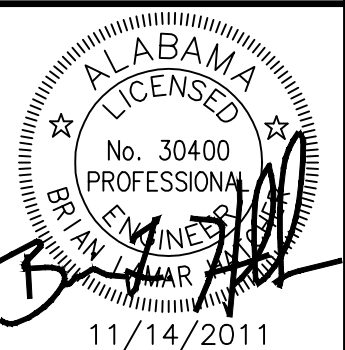
SPECIAL NOTES:
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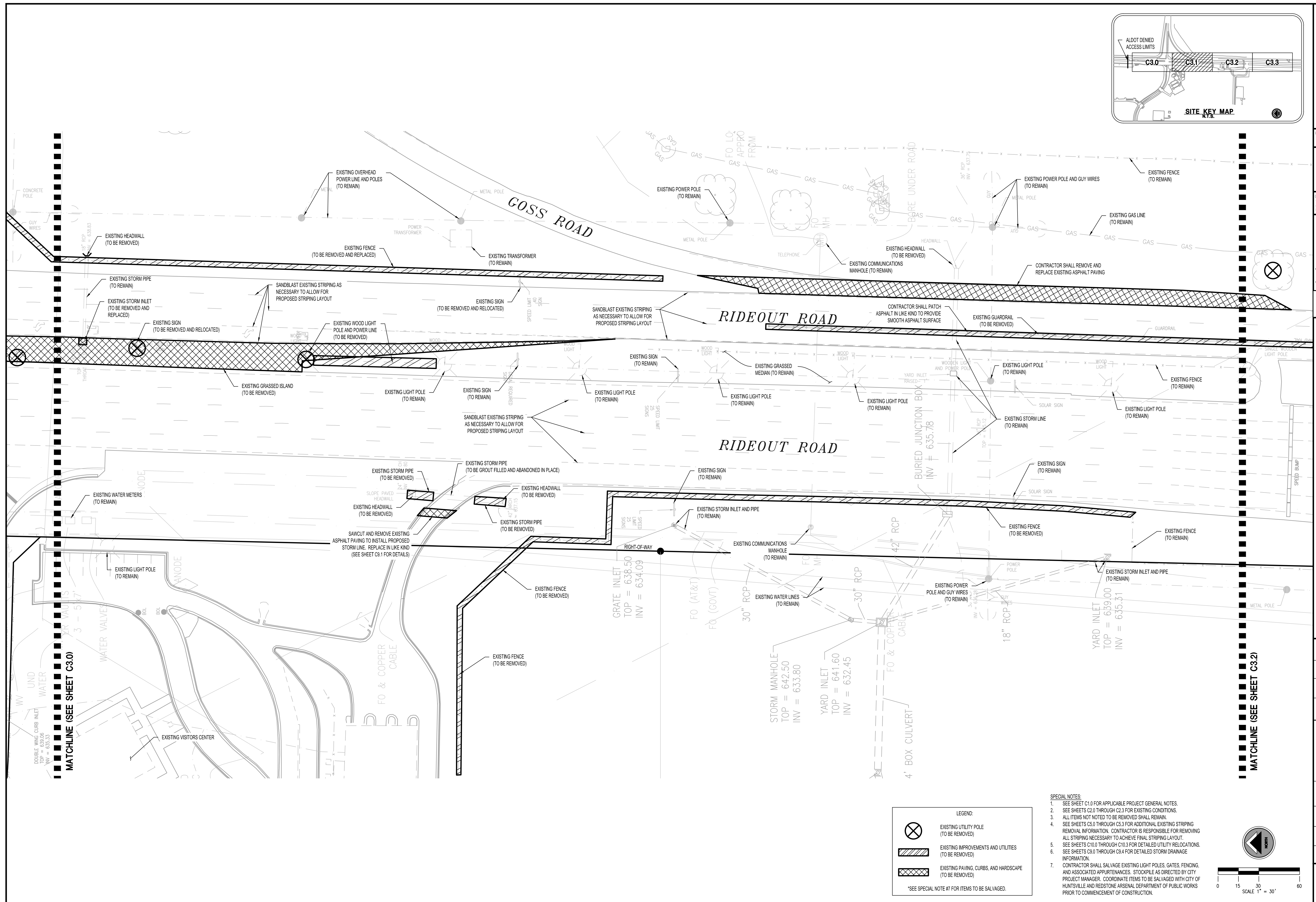


HUNTSVILLE

DEMOLITION PLAN
REDSTONE GATEWAY - PACKAGE 1E
RIDEOUT ROAD INTERIM IMPROVEMENTS
CITY OF HUNTSVILLE
HUNTSVILLE, ALABAMA

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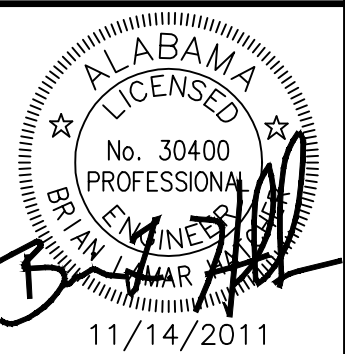
C3.1
8 OF 51





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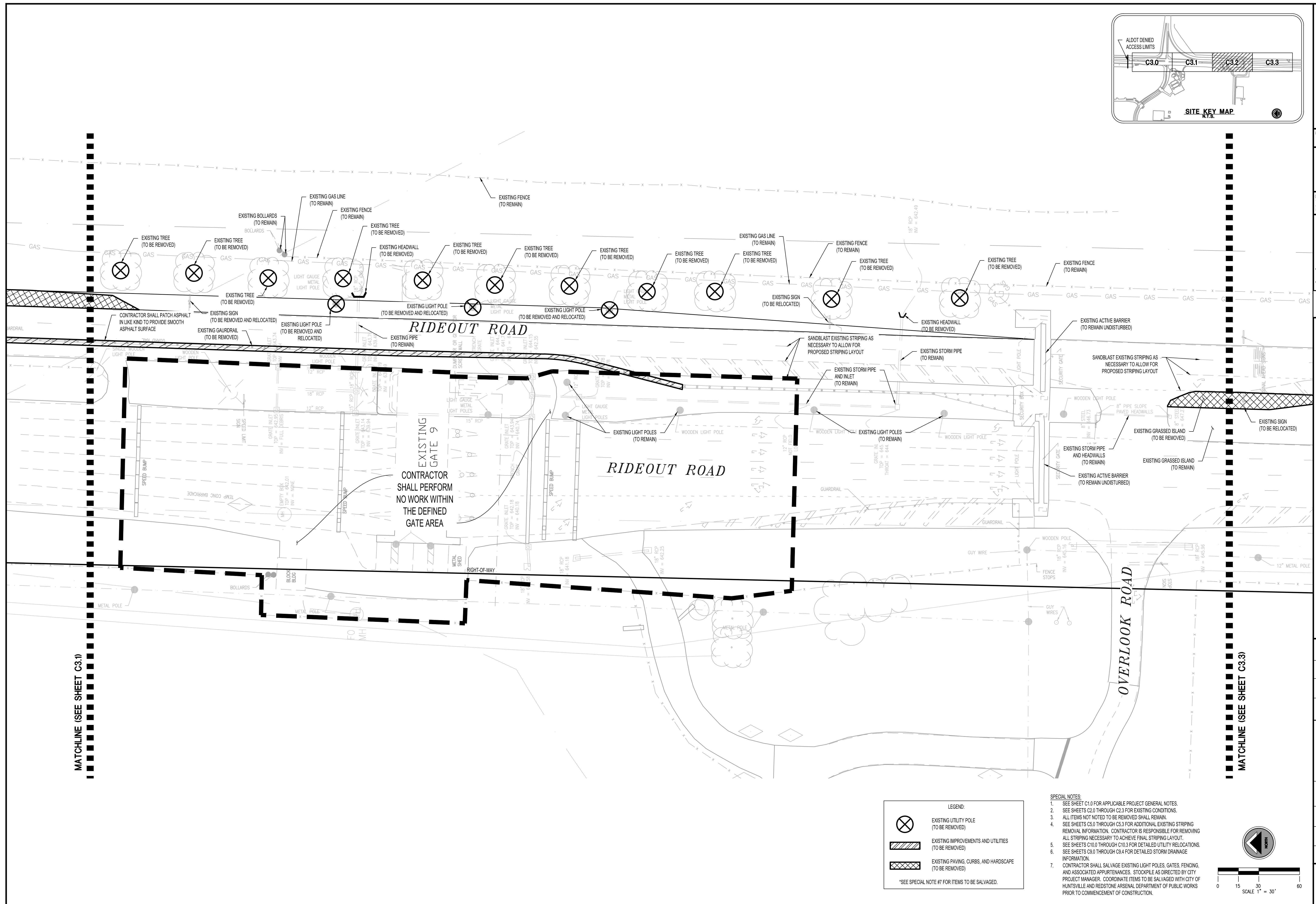


DEMOLITION PLAN
REDSTONE GATEWAY - PACKAGE 1E
RIDEOUT ROAD INTERIM IMPROVEMENTS
CITY OF HUNTSVILLE
HUNTSVILLE, ALABAMA

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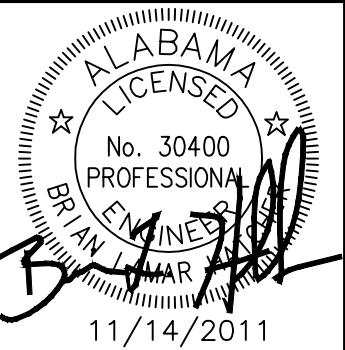
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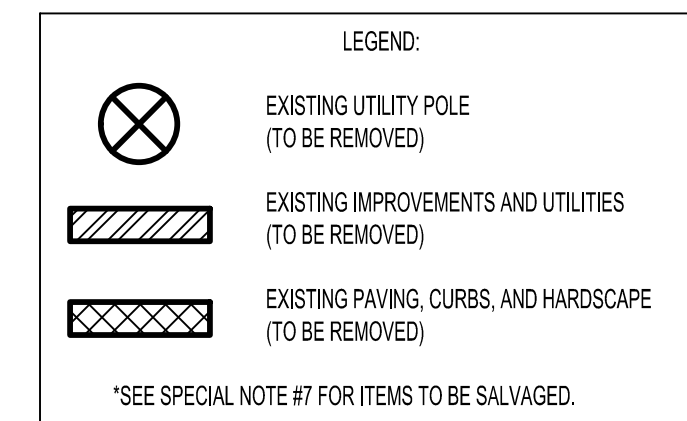


DEMOLITION PLAN
REDSTONE GATEWAY - PACKAGE 1E
RIDEOUT ROAD INTERIM IMPROVEMENTS
CITY OF HUNTSVILLE
HUNTSVILLE, ALABAMA

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SPECIAL NOTES:

1. SEE SHEET C1.0 FOR APPLICABLE PROJECT GENERAL NOTES.
2. SEE SHEETS C2.0 THROUGH C2.3 FOR EXISTING CONDITIONS.
3. ALL ITEMS NOT NOTED TO BE REMOVED SHALL REMAIN.
4. SEE SHEETS C5.0 THROUGH C5.3 FOR ADDITIONAL EXISTING STRIP REMOVAL INFORMATION. CONTRACTOR IS RESPONSIBLE FOR REMOVING ALL STRIPPING NECESSARY TO ACHIEVE FINAL STRIPING LOCATION.
5. SEE SHEETS C10.0 THROUGH C10.3 FOR DETAILED UTILITY RELOCATIONS.
6. SEE SHEETS C9.0 THROUGH C9.4 FOR DETAILED STORM DRAINAGE INFORMATION.

7. CONTRACTOR SHALL SALVAGE EXISTING LIGHT POLES, GATES, FENCING, AND ASSOCIATED APPURTEANCES. STOCKPILE AS DIRECTED BY CITY PROJECT MANAGER. COORDINATE ITEMS TO BE SALVAGED WITH CITY OF HUNTSVILLE AND REDSTONE ARSENAL DEPARTMENT OF PUBLIC WORKS PRIOR TO COMMENCEMENT OF CONSTRUCTION.

